

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/475,147
Attorney Docket No. Q58584

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A system for notifying a subscriber upon an occurrence of an event, the system comprising:

~~an-a local event-generating system for generating the event including a local server; a remote event-generating system including a notification request sender for detecting the occurrence of the event and for preparing a notification request according to an open network protocol; and~~

~~a notification server for receiving said notification request from said notification request sender according to said open network protocol, and for notifying the subscriber of the occurrence of the event,~~

~~wherein said notification server is not in direct communication with said event-generating system~~

wherein, when the event occurs in the local event-generating system, said local server detects the occurrence of the event and requests said notification server to notify the subscriber of the occurrence of the event, and

wherein, when the event occurs in the remote event-generating system, said notification request sender detects the occurrence of the event, prepares a notification request according to an open network protocol and sends the notification request to the notification server, whereby said

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notification server notifies the subscriber of the occurrence of the event in response to receiving the notification request according to the open network protocol.

2. (currently amended): The system of claim 1, wherein the event is a messaging event, and at least one of said local event-generating system and said remote event-generating system is a messaging system.

3. (original): The system of claim 2, wherein said messaging system is selected from the group consisting of e-mail and voice mail.

4. (previously presented): The system of claim 2, wherein said messaging system further comprises an API (application programming interface) for providing an interface for detecting the event by said notification request sender.

5. (currently amended): The system of claim 1, wherein the event is a non-messaging event, and at least one of said local event-generating system and said remote event-generating system is a non-messaging system.

6. (previously presented): The system of claim 1, wherein said notification server further comprises:

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an open network protocol server for receiving said notification request from said notification request sender; and

a notification messaging server for receiving said notification request from said open network protocol server and for notifying the subscriber of the event according to said notification request.

7. (original): The system of claim 6, wherein said open network protocol server is an FTP (File Transfer Protocol) server and said open network protocol is FTP.

8. (original): The system of claim 6, wherein said open network protocol server is an SMTP (Simple Mail Transfer Protocol) server and said open network protocol is SMTP.

9. (original): The system of claim 6, wherein said open network protocol server is an HTTP (Hyper-Text Transfer Protocol) server and said open network protocol is HTTP.

10. (previously presented): The system of claim 9, wherein said notification request sender further comprises:

a notification event detector for detecting the event; and

a notification protocol adapter for preparing and transmitting said notification request.

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11. (previously presented): The system of claim 10, wherein said notification server further comprises a notification server protocol adapter for receiving said notification request and for determining validity of said notification request, such that if said notification request is valid, said notification server protocol adapter passes information from said notification request to said notification messaging server.

12. (previously presented): The system of claim 1, further comprising a network for connecting said notification request sender to said notification server.

13. (original): The system of claim 12, wherein said network is the Internet.

14. (currently amended): The system of claim 13, wherein said local event-generating system is ~~an internal-a~~ messaging system for generating a message event, said ~~internal~~-messaging system notifying said notification server of said message event directly.

15. (currently amended): The system of claim 13, wherein said local event-generating system further comprises:

~~an internal-a~~ messaging system for generating a message event; and
a notification request sender for sending ~~said-a~~ notification request to said notification server.

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16. (currently amended): A method for notifying a subscriber upon an occurrence of an event in an event generating a notification system including a local event-generating system having an local server, a remote event-generating system having a notification request sender, and a notification server, the method comprising:

- (a) providing a notification server, wherein said notification server is not in direct communication with said event generating system;
- (b) detecting the occurrence of the event at the event generating system;
- (c)(a) when the event occurs in the local event-generating system, detecting the occurrence of the event by the local server and, requesting the notification server to notify the subscriber of the occurrence of the event preparing a notification request according to an open network protocol; and
- (c)(b) when the event occurs in the remote event-generating system, detecting the occurrence of the event by the notification request sender, preparing a notification request according to an open network protocol and transmitting said notification request from said notification request sender to said notification server according to said open network protocol, wherein said notification server notifies the subscriber of the occurrence of the event in response to receiving the notification request.; and
- (e) notifying the subscriber of the occurrence of the event according to said notification request.

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17. (currently amended): The method of claim 16, wherein said open network protocol is HTTP, and ~~(e)-(b)~~ further comprises preparing at least one HTTP key value pair for forming the notification message.

18. (currently amended): The method of claim 17, wherein said notification server is in communication with at least one associated messaging service for the subscriber, such that ~~(e)~~ is performed by contacting the subscriber is notified of the occurrence of the event through said associated messaging service.

19. (currently amended): The method of claim 18, ~~wherein (e) further comprises selecting further comprising determining~~ a communication mode for notifying the subscriber.

20. (currently amended): The method of claim 19, ~~wherein (e) further comprises selecting further comprising determining~~ a time for notifying the subscriber.

21. (original): The method of claim 20, wherein said communication mode and said time are determined according to a preference of the subscriber.

22. (currently amended): The method of claim 16, further comprising:
~~(f)-(c)~~ sending a first “ack” (acknowledgment) message (ack) by said notification server upon receipt of said notification request.

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23. (currently amended): The method of claim 22, further comprising:
~~(g)(d)~~ sending a second “aek”ack message by said notification server upon notification of the subscriber.

24. (currently amended): The method of claim 23, wherein ~~step (a) further comprises providing a the~~ notification request sender ~~for detecting~~detects the occurrence of the event and ~~for sending~~sends said notification request, and wherein ~~said the~~ notification request sender cannot send an additional notification request until at least said first “aek”ack message is received.

25. (currently amended): The method of claim 23, wherein said notification request features an identification tag, such that ~~said the~~ notification request sender asynchronously sends an additional notification request without waiting for said first “aek”ack message, such that said first “aek”ack message includes said identification tag for identifying said notification request associated with said first “aek”ack message.

26. (currently amended): A method for sending a message to a subscriber by a requesting user, the method comprising:

(a) ~~providing a notification server generating a notification request by the requesting user at a source;~~

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(b) ~~requesting a notification of the subscriber by the requesting user, wherein a notification mechanism for notifying the subscriber is determined independently of the manner in which the requesting user provides the notification request message;~~

(e)(b) ~~sending said-the~~ notification request message directly from the source to said-the notification server;

(e)(c) ~~selecting said-a~~ notification mechanism for notifying the subscriber by ~~said-the~~ notification server; and

(e)(d) ~~sending said-the~~ notification to the subscriber through ~~said-the~~ notification mechanism by ~~said-the~~ notification server,

wherein the notification mechanism for notifying the subscriber is determined independently of the manner in which the requesting user provides the notification request message.

27. (currently amended): The method of claim 26, wherein (e)-(c) further comprises the step of selecting determining a communication mode for notifying the subscriber.

28. (currently amended): The method of claim 27, wherein step (e)-(c) further comprises the step of selecting determining a time for notifying the subscriber.

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29. (original): The method of claim 28, wherein said communication mode and said time are determined according to a preference of the subscriber.

30. (canceled).

31. (original): The method of claim 26, wherein the selection of the notification mechanism is based on a preference of the subscriber.

32. (original): The method of claim 26, wherein the selection of the notification mechanism is based on the capabilities of a receiving device associated with the subscriber.

33. (original): The system of claim 1, wherein the notification server selects a notification mechanism for notifying the subscriber based on at least one of a preference of the subscriber and the capabilities of a receiving device associated with the subscriber.

34. (original): The system of claim 1, wherein the notification server determines a time for notifying the subscriber.

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35. (original): The system of claim 1, wherein the notification server determines whether to notify the subscriber of the occurrence of the event.

36. (original): The system of claim 1, wherein the notification server forms a notification message for notifying the subscriber based on the type of event.

37. (original): The system of claim 1, wherein the notification server forms a notification message for notifying the subscriber based on at least one of a preference of the subscriber and the capabilities of a receiving device associated with the subscriber.

38. (currently amended): A system for notifying a subscriber upon an occurrence of an event, the system comprising:

a local event-generating system including a local server;

a first remote event-generating system for generating a first event including a first notification request sender;

a second remote event-generating system for generating a second event including a second notification request sender; and

a first notification request sender for detecting the occurrence of the first event and for preparing a first notification request according to a first open network protocol;

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~~a second notification request sender for detecting the occurrence of the second event and for preparing a second notification request according to a second open network protocol; and~~

~~a notification server for receiving at least one of said first notification request and said second notification request from the respective notification request sender according to the respective open network protocol and for notifying the subscriber of the occurrence of the corresponding event,~~

~~wherein said notification server is not in direct communication with at least one of said first event generating system and said second event generating system.~~

wherein one of the local server, the first notification request sender and the second notification request sender detects the occurrence of the event,

wherein when the local server detects the occurrence of the event, the local server requests the notification server to notify the subscriber of the occurrence of the event,

wherein when the first notification request sender detects the occurrence of the event, the first notification request sender prepares a first notification request according to a first open network protocol and the notification server notifies the subscriber of the occurrence of the event in response to receiving the first notification request according to the first open network protocol, and

wherein when the second notification request sender detects the occurrence of the event, the second notification request sender prepares a second notification request according to a second open network protocol and the notification server notifies the subscriber of the

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occurrence of the event in response to receiving the second notification request according to the second open network protocol.

39. (previously presented): The system of claim 38, wherein said first open network protocol and said second open network protocol are the same open network protocol.

40. (currently amended): The system of claim 38, wherein ~~at least one of said first event and said second event~~ is a messaging event.

41. (currently amended): The system of claim 38, wherein ~~at least one of said first event and said second event~~ is a non-messaging event.

42. (currently amended): The system of claim 38, further comprising:
~~a third remote event-generating system for generating a third event including a third notification request sender; and,~~
~~a third notification request sender for detecting the occurrence of the third event and for preparing a third notification request according to one of said first open network protocol and said second open network protocol,~~

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wherein when the third notification request sender detects the occurrence of the event, the third notification request sender prepares a third notification request according to a third open network protocol and the notification server notifies the subscriber of the occurrence of the event in response to receiving the third notification request according to the third open network protocols~~said notification server receives at least one of said first notification request, said second notification and said third notification request from the respective notification request sender according to the respective open network protocol and notifies the subscriber of the occurrence of the corresponding event.~~

43. (currently amended): The method of claim 26, wherein said notification request message is input at the source by the requesting user via a web page.

44. (currently amended): The method of claim 43, wherein said web page is provided to the source by the notification server.